

## **बैटिंग के दस्ताने — विशिष्टि**

( द्वितीय पुनरीक्षण )

## **Batting Gloves — Specification**

( Second Revision )

ICS 97.220.40

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## FOREWORD

This Indian Standard (Second Revision) has been adopted by the Bureau of Indian Standards after the draft is finalized by the Sports Goods Sectional Committee had been approved by the Production and General Engineering Division Council.

This standard was first published in 1966 and subsequently revised in 1983. The first revision was taken up to incorporate certain modifications brought to the notice of the Sectional Committee while implementing the Indian Standard.

The second revision of this standard has been brought out to keep pace with the latest technological developments and international practices. In this revision, the following major changes have been made:

- a) Material clause has been updated;
- b) References have been provided for knitted fabric; and
- c) Different sizes of batting gloves have been incorporated.

The composition of the Committee, responsible for the formulation of this standard is listed in Annex B.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.

*Indian Standard*  
**BATTING GLOVES — SPECIFICATION**  
*(Second Revision)*

## 1 SCOPE

This standard covers materials, and dimensional and constructional requirements for cricket batting gloves.

## 2 REFERENCE

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on standards are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
IS 1963 : 1981	Methods for determination of threads per unit length in woven fabrics ( <i>second revision</i> )
IS 3442 : 1980	Method for determination of crimp and count of yarn removed from fabrics ( <i>first revision</i> )

## 3 REQUIREMENTS

### 3.1 Dimension

Dimension for batting gloves are optional and Fig. 1 is for guidance only. The recommended sizes for batting gloves are given in Table 1.

**Table 1 Different sizes of Batting Gloves**  
*(Clause 3.1)*

SI No.	Size	Palm Dimension, mm
(1)	(2)	(3)
i)	Adult	185 to 200
ii)	Small Adult	175 to 185
iii)	Youth	165 to 175
iv)	Junior	155 to 165
v)	Small Junior	145 to 155
vi)	Extra Small Junior	135 to 145

### 3.2 Materials

#### 3.2.1 Material specification shall conform to Table 2.

**Table 2 Materials for Manufacture of Batting Gloves**  
*(Clause 3.2)*

SI No.	Item	Material	Requirements
(1)	(2)	(3)	(4)
i)	Palm	Knitted fabric, coated fabric, leather or any combination thereof	Knitted fabric: cotton, polyester or mixed composition Coated fabric: PVC coated or PU coated Leather: chrome/semi chrome tanned and non-toxic, smooth side and buff side both acceptable

**Table 2 (Concluded)**

<b>Sl No.</b>	<b>Item</b>	<b>Material</b>	<b>Requirements</b>
(1)	(2)	(3)	(4)
ii)	Finger roll	Knitted fabric, coated fabric, leather or any combination thereof	Synthetic faux-pa leather: breathable and non-breathable Knitted fabric: cotton or polyester or mixed composition Coated fabric: PVC coated or PU coated Leather: chrome/semi chrome tanned and non-toxic, smooth side and buff side both acceptable Synthetic faux-pa leather: breathable and non-breathable
iii)	In between finger gusset	Airflow mesh	Breathable ventilation mesh shall be used to keep hands dry for quick sweat dispersal and airflow throughout gloves. It shall be constructed of either nylon, polyester, or cotton, either mesh construction or breathable permeable fabric.
iv)	Protection in finger rolls	Carded cotton, carded synthetic fiber, synthetic foams, or any combination thereof	Finger rolls and side-protection bars shall be filled either with kapok cotton or carded fabric or synthetic foam, either singly or in combination with either PU foam or EPE foam, or EVA foam. Extra protection may also be in form of moulded plastic or TPU or carbon composite insert to dissipate high impact shocks.
v)	Protection in Thumb	Carded cotton, carded synthetic fiber, synthetic foams, or any combination thereof	For right handed batsperson, extra protection shall be provided on thumb of right hand only. Construction similar to finger roll as above but with rubber thimble and foam pad at tip to absorb direct ball impacts to thumb. Reverse in case of glove for left handed batsperson. Thumb of non-lead hand with no padding, constructed of knitted fabric, coated Fabric, breathable mesh, leather or any combination thereof.

### 3.2.2 Knitted Fabric

Knitted fabric shall comply with the following requirements:

<i>Count of Yarn (Approx)</i>	<i>Number of Wales per 5 cm</i>	<i>Number of Courses per 5 cm</i>
30.8 tex (IS 3442)	45 (IS 1963)	65 ± 2 (IS 1963)

**3.2.3** The thickness of material at palm and back of gloves shall be between 0.5 mm to 1.0 mm depending on the material, usage, and customer requirement.

**3.2.4** The thread for stitching of gloves shall be polyamide or cotton core-spun having the following requirements:

- a) Tkt. – 40

- b) Nominal count and construction – N<sub>m</sub> 25/3  
Z/Finishing Twist
- c) Finish – Glaze
- d) Single thread breaking strength, *Min* – 3 kg

#### **4. CONSTRUCTION AND WORKMANSHIP**

Padded finger rolls shall be secured to the backs of all fingers (including the thumb) of the right-hand glove but only on four fingers of the left-hand glove. The right-hand glove shall have a rubber tip on the thumb. The gloves shall be tight on the hands and fit the hands and the roots of the fingers of the hands properly. The gloves shall be secured on the wrists with bands secured together with tabs stitched on with hook and loop fasteners. The wrist bands can either be of leather or synthetic, elasticated or non-elasticated. The stitching shall be strong and the general workmanship shall be of good quality. The gloves shall be comfortable to wear and shall give

freedom of movement to the fingers and the wrists of the batsperson.

#### **5 SAMPLING**

Sampling and criteria for acceptance for batting gloves shall be as agreed to between the purchaser and the supplier. A recommended scheme for the same is given in Annex A.

#### **6. PACKING AND MARKING**

##### **6.1 Packing**

Batting gloves shall be manufactured, stored, and sold in pairs. Labelling to be strictly in accordance with prevailing *Legal Metrology Act*. Where applicable, packaging material to follow parameters in compliance with applicable state laws the product is being sold in.

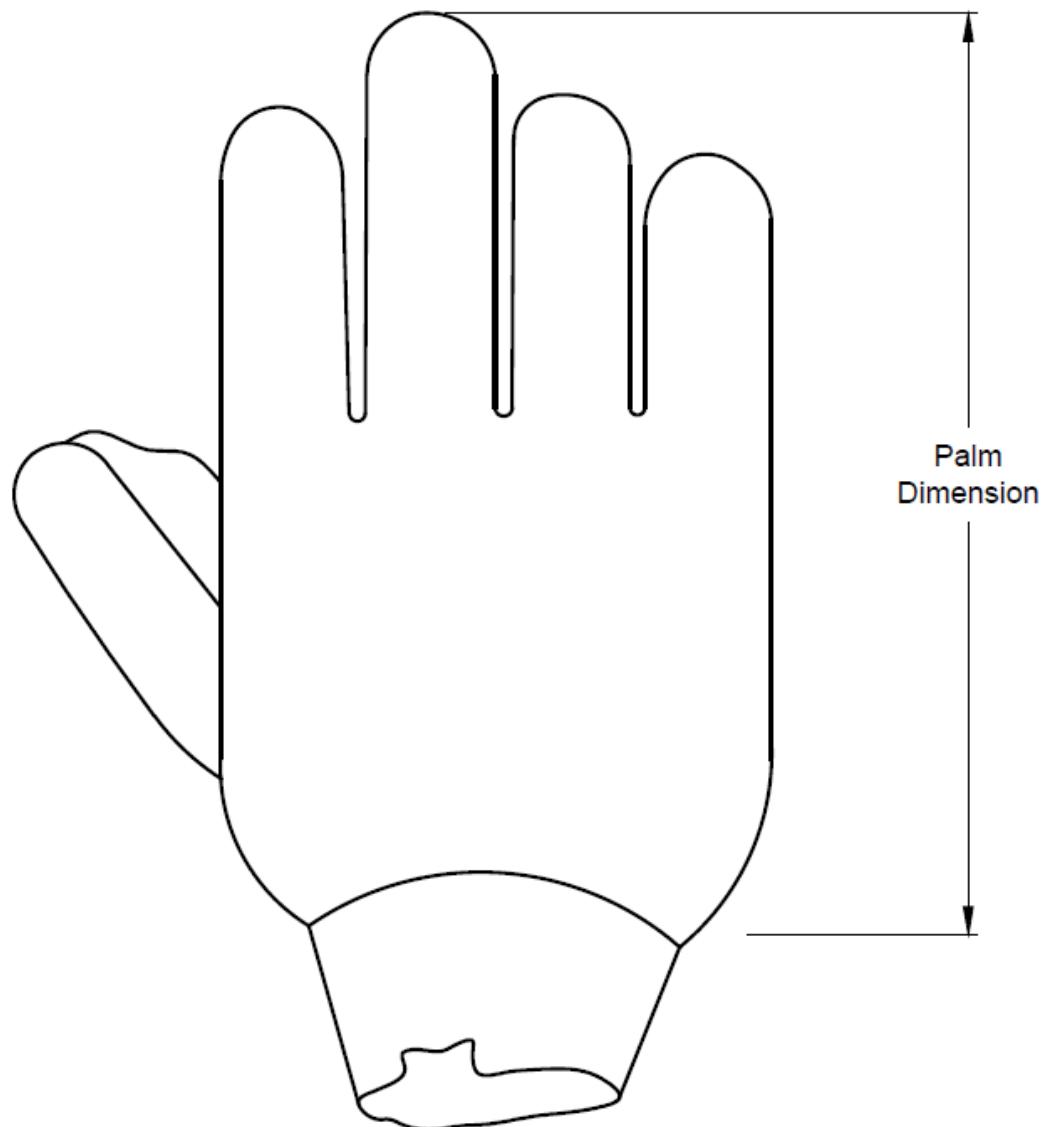


FIG. 1 BATTING GLOVE

## 6.2 Marking

**6.2.1** Each hand of batting gloves shall be legibly and indelibly marked with the following:

- a) Manufacturer's registered and trademarked logo; and
- b) Model name.

### 6.2.2 BIS Certification Marking

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the product(s) may be marked with the standard mark.

**ANNEX A**  
(Clause 5)

**RECOMMENDED SAMPLING SCHEME AND CRITERIA FOR CONFORMITY FOR BATTING GLOVES**

**A-1. LOT**

All pairs of batting gloves of the same model having the same pattern and size manufactured from the same raw materials shall be permitted to have a size variation of  $\pm 5$  percent constitute a lot

**A-2. SELECTION OF SAMPLE**

The number of pairs of batting gloves to be selected at random for inspection shall be in accordance with col 2 and 3 of Table 3

**Table 3 Number of Pairs of Batting Gloves to be Selected and Permissible Number of Defective Pairs  
(Clauses A-2 and A-3)**

SI No.	Number of Pairs of Batting Gloves in the Lot	Number of Pairs of Batting Gloves to be Selected in the Sample	Permissible Number of Defective Pairs
(1)	(2)	(3)	(4)
i)	Up to 25	3	0
ii)	26 to 50	5	0
iii)	51 to 100	8	1
iv)	101 to 150	13	1
v)	151 to 300	20	2
vi)	301 to 500	32	3
vii)	501 and above	50	4

**A-3. NUMBER OF TESTS AND CRITERIA FOR CONFORMITY**

Each pair of batting gloves selected in accordance with **A-2** and Table 3, shall be inspected for conformity of materials, workmanship and dimensions within permissible limits. A pair shall be considered defective if it fails to satisfy any one or more of the requirements of the specification. Each

piece is individually handmade, any above non-conformance in most, if not all cases, is fully rectifiable. Once identified and rectified, the lot shall be declared as conforming to the requirements of this specification if the number of defective pairs falls within the corresponding permissible number of defective pairs given in col 4 of Table 3.

**ANNEX B**  
*(Foreword)*  
**COMMITTEE COMPOSITION**

Sports Goods Sectional Committee, PGD 41

<i>Organization</i>	<i>Representative(s)</i>
Sports Goods Export Promotion Council	SHRI TARUN DEWAN ( <b>Chairperson</b> )
All India Lawn Tennis Association, New Delhi	SHRI NAR SINGH
Anand & Anand	SHRI ASHISH ANAND
Athletic Federation of India	SHRI SANDEEP MEHTA SHRI GOPALA KRISHNAN ( <i>Alternate</i> )
Central Institute of Plastics Engineering & Technology (CIPET), Mурthal	DR S. N. YADAV
COSCO India Pvt Ltd, Gurgaon	SHRI PANKAJ JAIN SHRI NARINDER JAIN ( <i>Alternate</i> )
Director Equipment Sports Authority of India, New Delhi	SHRI ROQUE DIAS
Freewill Sports Pvt Ltd, Jalandhar	SHRI RAJESH KHARBANDA
Government e Market Place, New Delhi	SHRI N. K. MALHOTRA
Gymnastic Federation of India, Mumbai	SHRI RIAZ BHATI
Hockey India	COMMANDER R. K. SRIVASTAVA
Micro, Small and Medium Enterprises, Technology Development Centre, New Delhi	SHRI V. K. SINGH
NELCO (India) Pvt Ltd, Meerut	SHRI AMBER ANAND
Office of Development Commissioner (MSME), Delhi	SHRI SUNIL GUPTA
Premier Enterprises, Meerut	SHRI SUMESH AGARWAL SHRI KSHITIJ AGARWAL ( <i>Alternate</i> )
Process Cum Product Development Centre, Meerut	SHRI SUNIL GUPTA
Ranson Sports Industry, Jalandhar	SHRI ARVIND SINGH RANA
Sanspareils Greenlands Pvt Ltd, Meerut	SHRI PUNEET ANAND ALOK MISHRA ( <i>Alternate</i> )
Shri Ram Institute For Industrial Research, Delhi	DR VINAY TYAGI
Soccer International Pvt Ltd, Jalandhar	MS SHAALINI GUPTA
Softball Association of India	MS SHIBANI TAGORE

<i>Organization</i>	<i>Representative(s)</i>
Sports Goods Manufacturers and Exporters Association (SGMEA), Jalandhar	MS HARSHITA
Sports Line, New Delhi	SHRI OJASVI NAGPAL
Stag International Sports, Meerut	SHRI RAKESH KOHLI SHRI VIVEK KOHLI ( <i>Alternate</i> )
Universal Sports, Jalandhar	SHRI MAHESH CHADHA
Vats Sports, Meerut	SHRI LOKESH VATS
Voluntary Organisation In Interest Of Consumer Education (Voice), New Delhi	SHRI M.A.U. KHAN
BIS Directorate General	SHRI R. R. SINGH, SCIENTIST 'E'/DIRECTOR AND HEAD (PRODUCTION AND GENERAL ENGINEERING DEPARTMENT) [REPRESENTING DIRECTOR GENERAL ( <i>Ex-officio</i> )]
<i>Member Secretary</i> SHRI AJAY KUMAR SCIENTIST 'B'/ASSISTANT DIRECTOR (PRODUCTION AND GENERAL ENGINEERING DEPARTMENT), BIS	





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### **Amendments Issued Since Publication**

<b>Amend No.</b>	<b>Date of Issue</b>	<b>Text Affected</b>

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